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*and*  
*AI*  
*and*

a dielectric layer defined as a first dielectric layer sputter deposited over the substrate, the layer comprising a first dielectric film selected from the group consisting of zinc oxide, silicon oxide, tin oxide, silicon nitride, silicon oxynitrate and zinc stannate, the zinc stannate having zinc in weight percent range of equal to and greater than 10 and equal to and less than 90, and tin in the weight percent range of equal to and less than 90 and equal to and greater than 10, wherein the zinc stannate film of the dielectric layer is defined as a first zinc stannate film and an electrical enhancing film deposited over the first dielectric film, the electrical enhancing film selected from the group of films consisting of zinc oxide, tin oxide film and a second zinc stannate film wherein the composition of the first zinc stannate film is at least about 5 weight percent different than the composition of the second zinc stannate film, and

an infrared reflective layer deposited on the dielectric layer.

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*and*

5. (amended) The coated article of claim 4 wherein the infrared reflective metal is silver and the electrical enhancing film is the zinc oxide, tin oxide film.

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*and*

6. (amended) The coated article of claim 4 wherein the first dielectric film is the first zinc stannate film, the infrared reflective layer is a silver film and the electrical enhancing film is the second zinc stannate film.

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*and*

7. (amended) The coated article of claim 4 wherein the infrared reflective layer is a first infrared reflective layer and further including:

a metal primer layer over the first infrared reflective layer;

a second dielectric layer over the primer layer, and optionally a protective overcoat over the second dielectric layer.

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~~8. (amended) The coated article of claim 7 wherein the second dielectric layer is a zinc stannate film having 10-90 weight percent zinc and 90-10 weight percent tin.~~

9. (amended) The coated article of claim 4 wherein the infrared reflective layer is a first infrared reflective layer and further including:

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- a first metal primer layer over the first infrared reflective metal layer;
- a second dielectric layer over the first primer layer;
- a second infrared reflective layer over the second dielectric layer;
- a second metal primer layer over the second infrared reflective layer;
- a third dielectric layer over the second metal primer layer, and
- optionally a protective film over the third dielectric layer.

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~~10. (amended) The coated article of claim 9 wherein at least one of the second and third dielectric layers includes a zinc stannate film having 10-90 weight percent zinc and 90-10 weight percent tin.~~

11. (amended) The coated article of claim 4 wherein the infrared reflective layer is a first infrared reflective layer and further including:

- a first metal primer layer over the first reflective layer;
- a second dielectric layer over the first metal primer layer, the second dielectric layer comprising a first dielectric film and a zinc stannate film defined as a first zinc stannate film, the first zinc stannate film having zinc in the weight percent range of equal to and greater than 10 and equal to and less than 90 and tin in the weight percent range of equal to and greater than 10 and

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equal to and less than 90, the first dielectric film of the second dielectric layer deposited over the first metal primer layer;

a second infrared reflective layer deposited over the second dielectric layer;

a second metal primer layer deposited over the second infrared reflective layer;

a third dielectric layer deposited over the second primer layer, and

optionally a protective layer over the third dielectric layer.

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12. (amended) The coated article of claim 40 wherein the first dielectric film of the second dielectric layer comprises a zinc oxide film; a zinc oxide, tin oxide film or a zinc stannate film defined as a second zinc stannate film, the second zinc stannate film of the second dielectric layer having a composition different than the composition of the first zinc stannate film of the second dielectric layer.

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13. (amended) The coated article of claim 12 wherein the second zinc stannate film of the second dielectric layer has zinc in the weight percent range of equal to and greater than 60 and equal to and less than 90 and tin in the weight percent of equal to and greater than 10 and equal to and less than 40, and the third dielectric layer is a zinc stannate film.

14. (amended) The coated article of claim 4 wherein the infrared reflective layer is a first infrared reflective layer and further including:

a first metal primer layer over the first reflective layer;

a second dielectric layer over the first metal primer film;

a second infrared reflective layer over the second dielectric layer;

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~~a second metal primer layer over the second infrared reflecting metal layer;~~

~~a third dielectric layer over the second metal primer layer, the third dielectric layer comprising a first dielectric film and a zinc stannate film defined as a first zinc stannate film, the first zinc stannate film having zinc in a weight percent with the range of equal to and greater than 10 and equal to and less than 90 and tin within the weight percent range of equal to and less than 90 and equal to and greater than 10, the third dielectric layer deposited over the second metal primer; and~~

~~optionally a protective film overlying the third dielectric film.~~

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17. (amended) The coated article of claim 4 wherein the infrared reflective layer is a first infrared reflective layer and further including:

~~a first metal primer layer over the first reflective layer;~~

~~a second dielectric layer over the first metal primer layer, the second dielectric layer comprising a first dielectric film and a zinc stannate film defined as a first zinc stannate film, the first zinc stannate film having zinc in a weight percent within the range of equal to and greater than 10 and equal to and less than 90 and tin within the weight percent range of equal to and less than 90 and equal to and greater than 10, the second dielectric layer deposited over the first metal primer layer;~~

~~a second infrared reflective layer over the first zinc stannate film of the second dielectric layer;~~

~~a second metal primer layer over the second infrared reflective layer;~~

~~a third dielectric layer over the second metal primer layer, the third dielectric layer comprising a first dielectric film and a zinc stannate film defined as a first zinc stannate film, the first zinc stannate film having zinc in a weight percent within the range of equal to and greater than 10 and equal to and less than 90 and tin within the weight percent range of equal to and less than 90~~

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~~and equal to and greater than 10, the third dielectric layer deposited over the second metal primer layer; and optionally a protective film overlying the first zinc stannate film of the dielectric layer.~~

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~~18. (amended) The coated article of claim 17 wherein the first dielectric film of the second dielectric layer and the first dielectric film of the third dielectric layer each has a film selected from the group consisting of zinc oxide film; zinc oxide, tin oxide film and second zinc stannate film having a composition different than the composition of the first zinc stannate film in the respective same second or third dielectric layer.~~

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~~19. (amended) The coated article of claim 18 wherein the second zinc stannate film of the first and second dielectric layers each include zinc in the weight percent range of equal to and greater than 60 and equal to and less than 90 and tin in the weight percent of equal to and greater than 10 and equal to and less than 40.~~

~~20. (amended) The coated article of claim 17 wherein the second dielectric layer further includes a third dielectric film over the first zinc stannate film of the second dielectric layer.~~

~~21. (amended) The coated article of claim 18 wherein the second dielectric layer further includes a third dielectric film over the first zinc stannate film of the second dielectric layer wherein the third dielectric film of the second dielectric layer is a film selected from the group consisting of zinc oxide film, zinc oxide, tin oxide film and a zinc stannate film defined as a third zinc stannate film, the third zinc stannate film has a composition different than the composition of the zinc stannate film of the second dielectric film closest to the third zinc stannate film.~~

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~~22. (amended) The coated article of claim 18 wherein the second dielectric film of the second dielectric layer and the~~

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second dielectric film of the third dielectric layer each comprises a zinc oxide film, a zinc oxide, tin oxide film or a second zinc stannate film having a composition different than the composition of the first zinc stannate film of third dielectric layer.

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23. (amended) The coated article of claim 43 wherein the first and third dielectric films of the second dielectric layer and the first dielectric film of the third dielectric layer each include zinc in the weight percent range of equal to and greater than 60 and equal to and less than 90 and tin in the weight percent of equal to and greater than 10 and equal to and less than 40.

24. (amended) The coated article of claim 20 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film, the second zinc stannate film of the first dielectric layer is on the glass piece and has a thickness in the range of  $230 \pm 40$  Angstroms Å; the first zinc stannate film of the first dielectric layer is on the second zinc stannate film of the first dielectric layer and has a thickness in the range of  $80 \pm 40$  Å; the first infrared reflective metal layer is a first silver film deposited on the first zinc stannate film of the first dielectric layer and has a thickness in the range of  $110 \pm 30$  Å, the metal primer layer is a titanium film deposited on the first silver layer and has a thickness in the range of 17-26 Å; the first dielectric film of the second dielectric layer is deposited on the titanium film and has a thickness in the range of  $80 \pm 40$  Å; the first zinc stannate film of the second dielectric layer is deposited on the first dielectric film of the second dielectric layer and has a thickness in the range of  $740 \pm 40$  Å; the second infrared reflective metal layer is a second silver film deposited on the second dielectric film of the second dielectric layer and has a thickness in the range of  $110 \pm 38$  Å; the second primer film is a titanium film deposited on the second silver layer and having a thickness in the range of 18 - 31 Å; the first dielectric film of the third dielectric layer is deposited on the second titanium film and has a thickness in the range of  $80 \pm 40$  Å; the first zinc stannate layer of the third

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dielectric layer is deposited on the first dielectric film of the third dielectric layer and has a thickness in the range of  $120 \pm 40\text{\AA}$ , and the protective layer is a titanium metal film deposited on the first zinc stannate layer of the third dielectric layer and has a thickness in the range of  $29 \pm 3\text{\AA}$ .

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25. (amended) A coated article comprising:  
a substrate;  
a first dielectric layer over the substrate;  
a first infrared reflective layer over the first dielectric layer;  
a first metal primer layer over the first infrared reflective layer;  
a second dielectric layer over the first metal primer, the second dielectric layer having a first dielectric film selected from the group consisting of zinc oxide, tin oxide film and a first zinc stannate film, and a second dielectric film the second dielectric film having a composition different than the first dielectric film of the second dielectric layer;  
a second infrared reflective layer over the second dielectric layer;  
a second primer layer over the second reflective layer;  
a third dielectric layer over the second metal primer layer; and  
optionally a protective layer overlying the third dielectric layer.

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28. (amended) A coated article comprising:  
a substrate;  
a first dielectric layer over the substrate;  
a first infrared reflective layer over the first dielectric layer;  
a first metal primer layer over the first infrared reflective layer;  
a second dielectric layer over the first metal primer layer;

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a second infrared reflective layer over the second dielectric layer;

a second metal primer layer over the second reflective metal layer;

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a third dielectric layer having a first dielectric film selected from the group consisting of zinc oxide film; zinc oxide, tin oxide film and a first zinc stannate film and a second dielectric film overlying the first dielectric film, the second dielectric film having a composition different from the first dielectric film; and

optionally a protective film overlying the third dielectric layer.

Please add new claims 38-43 as follows:

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38. The coated article of claim 5 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film.

39. The coated article of claim 8 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film.

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40. The coated article of claim 11 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film.

41. The coated article of claim 15 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film.

42. The coated article of claim 17 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film.



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~~43. The coated article of claim 22 wherein the first dielectric film of the first dielectric layer is the first zinc stannate film.~~

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